INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP03/50666

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/395 A61K39/17 A61K38/46 A61P35/00 //C07K16/28, C07K16/40,C07K14/705,C12N9/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
BIOSIS, EPO-Internal, MEDLINE, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	TAKADA TOSHIYUKI ET AL: "Induction of apoptosis by stomach cancer-associated protein-tyrosine phosphatase-1." THE JOURNAL OF BIOLOGICAL CHEMISTRY. UNITED STATES 13 SEP 2002, vol. 277, no. 37, 13 September 2002 (2002-09-13), pages 34359-34366, XP002230142 ISSN: 0021-9258 the whole document --- -/--	1-15

[X] Further documents are listed in the continuation of box C.

[ ] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search	Date of mailing of the international search report
12 February 2004	05/03/2004

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Wagner, R

Form PCT/ISA/210 (second sheet) (July 1992)

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	NOGUCHI T ET AL: "Inhibition of cell growth and spreading by stomach cancer-associated protein-tyrosine phosphatase-1 (SAP-1) through dephosphorylation of p130cas." THE JOURNAL OF BIOLOGICAL CHEMISTRY. UNITED STATES 4 MAY 2001, vol. 276, no. 18, 4 May 2001 (2001-05-04), pages 15216-15224, XP002230143 ISSN: 0021-9258 cited in the application page 15223	1-15
A	SEO YASUSHI ET AL: "Overexpression of SAP-1, a transmembrane-type protein tyrosine phosphatase, in human colorectal cancers." BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 231, no. 3, 1997, pages 705-711, XP002230144 ISSN: 0006-291X cited in the application the whole document	1-15
A	MATOZAKI T ET AL: "MOLECULAR CLONING OF A HUMAN TRANSMEMBRANE-TYPE PROTEIN TYROSINE PHOSPHATASE AND ITS EXPRESSION IN GASTROINTESTINAL CANCERS" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 269, no. 3, 21 January 1994 (1994-01-21), pages 2075-2081, XP000606151 ISSN: 0021-9258 cited in the application the whole document	1-15
A	RAVINDRA MAJETI AND ARTHUR WEISS: "Regulatory mechanisms for receptor protein tyrosine phospatase" CHEM. REV. , vol. 101, 2001, pages 2441-2448, XP002230145 the whole document	1-15
A	ANDERSEN JANNIK N ET AL: "Structural and evolutionary relationships among protein tyrosine phosphatase domains." MOLECULAR AND CELLULAR BIOLOGY, vol. 21, no. 21, November 2001 (2001-11), pages 7117-7136, XP002230146 ISSN: 0270-7306 the whole document	1-15